

this is doubtful. She recovered from the bleeding in 1880, and seemed to thrive like the other children, though paler. In July last, just a month ago, a brother died, and the excitement at the time brought on another attack, which lasted 36 hours, and she lost nearly three quarts of blood. She picked up rapidly, and from her general appearance I could scarcely credit that she had lost so much blood only a few weeks previous. She was a well-nourished, stout girl, but the face was pale, and a puffy look about the eyes. She complained of an uneasy feeling and fullness in the stomach. The feet swell in the evenings, and she is short of breath when walking fast or going up stairs. Lately her appetite has failed.

On examination, nothing abnormal was detected in heart or lungs; sounds clear, no murmur. Abdomen a little distended; panniculus adiposus thick; palpation revealed a splenic tumour in the left hypochondrium, extending three inches below the costal border, and to within an inch of the navel; the edge was clearly felt. It was not painful. The liver was not enlarged; no distension of abdominal veins; no signs of ascites. Blood thin; corpuscles normal as regards size and general appearance; no special increase of the colourless elements. Red per cubic mill., $2\frac{1}{4}$ millions; ratio of white to red, 1 to 316.

Dr. Howard has kindly permitted me to refer to the following cases, which illustrate the same point. In both I performed the autopsy:—

CASE I.—A plump, well-nourished lad, aged 13, had, on April 12, an attack of vomiting of blood, and shortly after had a large bloody stool. Four years before, he had been unwell, and passed blood from the bowels and was pale. On the day before the attack he had played "lacrosse," and seemed in fair health. The spleen was found to be enlarged, extending a hand's-breadth below the costal border, and the blood was leukæmic. The vomiting recurred, and he lost altogether about four pints. On the fourth day, he died from the effects of the repeated hæmorrhages. At the autopsy, spleen found much enlarged; weighed 480 grms. No erosion or ulceration of the stomach; mucous membrane pale.